

**U.S. DEPARTMENT OF TRANSPORTATION -- FEDERAL AVIATION ADMINISTRATION  
RADAR -- STANDARD INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE -- FAR PART 97.31**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

Initial approach minimum altitude(s) shall correspond with those established for enroute operation in the particular area or as set forth below. Positive identification must be established with the radar controller. From initial contact with radar to final authorized landing minimums, the instructions of the radar controller are mandatory except when; (A) Visual contact is established on final approach at or before descent to the authorized landing minimums; or (B) at pilot's discretion if it appears desirable to discontinue the approach.

Except when the radar controller may direct otherwise prior to final approach, a missed approach shall be executed as provided below when; (A) communications on final approach is lost for more than 5 seconds during a precision approach, or for more than 30 seconds during a surveillance approach; (B) directed by radar controllers; (C) visual contact is not established upon descent to authorized landing minimums; or (D) if landing is not accomplished.

RADAR TERMINAL AREA MANEUVERING SECTORS AND ALTITUDES (Sectors and distances measured from radar antenna)												MISSED APPROACH		
FROM	TO	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	MAP:		
												RWY 13, 31: THLD		
As established by the current BISMARCK ASR Minimum Vectoring Altitude Chart.												RWY 13: CLIMB TO 3500 THEN LEFT TURN DIRECT BIS VOR/DME AND HOLD.		
												RWY 31: CLIMB TO 3500 THEN RIGHT TURN DIRECT BIS VOR/DME AND HOLD.		
												HOLD E, RT, 260.00 INBOUND.		

**MINIMUMS**

TAKEOFF:	STANDARD	<input checked="" type="checkbox"/>	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	@ STANDARD										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
ASR S-13	2460	1	522	2460	1	522	2460	1 1/2	522	2460	1 1/2	522			
ASR S-31	2440	1	499	2440	1	499	2440	1 3/8	499	2440	1 3/8	499			
CIRCLING	2460	1	516	2460	1	516	2460	1 1/2	516	2560	2	616			

NOTES: RWY 13: FAF 5.0 MILES FROM THRESHOLD, MINIMUM ALTITUDE 3500, FINAL APPROACH COURSE 138.22. RECOMMENDED ALTITUDE: 4 MILES 3200, 3 MILES 2900, 2 MILES 2600. RWY 31: FAF 5.0 MILES FROM THRESHOLD, MINIMUM ALTITUDE 3500, FINAL APPROACH COURSE 318.33. RECOMMENDED ALTITUDE: 4 MILES 3200, 3 MILES 2900, 2 MILES 2600. CHART NOTE: ASR S-13: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: ASR S-31: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: ASR S-31 STRAIGHT-IN MINIMUMS NA AT NIGHT. CHART NOTE: RWY 31 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. CHART NOTE: WHEN BIS CONTROL TOWER CLOSED, ASR NA. (SEE FORM 8260) LOST COMMUNICATIONS (ALL RWYS): As directed by ATC on initial contact.	ADDITIONAL FLIGHT DATA THRE: 1942 RWY: 13 THRE: RWY: THRE: 1943 RWY: 31 THRE: RWY:
	RWY 13: FAS OBST: 2209 AAO 465109N/1005518W. RWY 31: FAS OBST: 2179 AAO 464213N/1004925W.  MAG VAR: 6E EPOCH YEAR: 2015

CITY AND STATE	ELEVATION: 1944	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
MANDAN, ND	AIRPORT NAME: MANDAN MUNI	BIS ASR	RADAR-1, AMDT 5 29 MAY 2014	AMDT: 4
				DATED: 11/09/95

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RADAR -

**INSTRUMENT APPROACH PROCEDURE**  
FLIGHT STANDARDS SERVICES FAR PART 97.31

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BISMARCK ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET. INCREASE ALL CAT C/D VISIBILITY 1/4 MILE.  
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY  
9  
CHECKED

CITY AND STATE  MANDAN, ND	ELEVATION: 1944 TDZE: AIRPORT NAME:  MANDAN MUNI	FACILITY IDENTIFIER:  BIS ASR	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  RADAR-1, AMDT 5 29 MAY 2014	SUP:
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